

Amendments to the Specification:

Please amend the paragraph at page 7, lines 15 and 16 as follows:

FIG. 11 is a block diagram of a swing drive system according to a second embodiment of the present invention; and

Please amend the paragraph at page 7, lines 17-19 as follows:

FIG. 12 is an explanatory diagram of an output characteristic of a controller according to the second embodiment; and [.]

Please add the following paragraph at page 7, after line 19:

Figs. 13A and 13B are output characteristic diagrams of the controller of the present invention in which the swing speed is reduced at a predetermined angle when the swing speed is a predetermined speed or more. Fig. 13A shows a swing from right to left, and Fig. 13B shows a swing from left to right.

Please amend the paragraph at page 8, line 18 to page 9, line 4, as follows:

The working machine 4 has a boom 11 ~~of which having a~~ base end portion ~~is~~ attached to a swing bracket 10 to be able to ~~hoist be raised~~ and ~~lower lowered~~, and an arm 12 ~~of which having a~~ base end portion ~~is~~ rotatably mounted to a tip end portion of the boom 11. A bucket 13 as a working tool has ~~its a~~ base end portion rotatably attached to a tip end portion of the arm 12. The working machine 4 further has a boom cylinder 14 attached between the swing bracket 10 and the boom 11, an arm cylinder 15 attached between the boom 11 and the arm 12, and a bucket cylinder 16 attached between the arm 12 and the bucket 13. The working machine 4 is driven by extending and contracting drive of these hydraulic cylinders 14, 15 and 16.

Please amend the paragraph at page 9, lines 5-14 as follows:

The swing bracket 10 for supporting the boom 11, which ~~becomes is~~ is a base end portion of the working machine 4, is attached to a support bracket 8 provided at the front end portion of the upper revolving superstructure 3 by a pin 9 in a vertical direction to be swingable in a lateral direction. The working machine 4 is swingingly driven with the swing bracket 10 by extending and contracting ~~drive of~~ a swing cylinder 17 that is attached between a tip end portion of a lever 10a, which is provided to protrude rightward (~~the~~ upward in FIG. 3) from the swing bracket 10, and the upper revolving superstructure 3.

Please amend the paragraph at page 10, lines 2-20 as follows:

Next, based on FIG. 5, a swing angle sensor 20 for detecting a swing angle α in a lateral direction of the working machine 4 will be explained. The pin 9 for attaching the swing bracket 10 to the support bracket 8 is constituted of two upper and lower pins 9A and 9B, and swingably connects the swing bracket 10 and the support bracket 8 at two upper and lower spots on the same axis. The swing angle sensor 20 is placed under the upper pin 9A rotating integrally with the swing bracket 10. Namely, explaining also with FIG. 6, the swing angle sensor 20 constituted mainly of, for example, a potentiometer, is attached via a mounting bracket 21 to a sensor fixing part 8a ~~in that has a plate shape and that is~~ provided to protrude forward from the support bracket 8 ~~via a mounting bracket 21~~ so that a rotating shaft 20a is on the same axis as ~~the axis of~~ the pin 9A. A lever 22 is attached to the rotating shaft 20a, and a tip end portion of the lever 22 is engaged with a post 24 vertically provided at an end portion of a plate 23 attached at a lower end of the pin 9A, thereby detecting the rotational ~~(swing of the swing bracket 10)~~ angle α of the pin 9A (swing of the swing bracket 10).

Please amend the paragraph at page 18, line 15 to page 19, line 8 as follows:

It should be noted that the present invention is not limited to the above-described embodiments, and various modifications and corrections may be added to it within the scope of the present invention. In the above-described embodiments, ~~the explanation is made with the example in which~~ the speed reduction control of the swing speed ω is performed in the vicinity of the stroke end of the swing irrespective of the speed of the swing speed ω . However, as shown in Figs. 13A and 13B when the swing speed ω is the predetermined speed ω_0 or less, the command signals iA and iB may be the output command signals of $iA_{\omega \leq \omega_0}$ and $iB_{\omega \leq \omega_0}$ which are 100% in the entire range thereof. ~~without carrying out~~ And as shown in Figs. 13A and 13B, when the swing speed ω is greater than the predetermined speed ω_0 , the command signals iA and iB may be the command signals $iA_{\omega > \omega_0}$ and $iB_{\omega > \omega_0}$, and the arithmetic operation ~~based on the characteristic in that~~ described above in which the output of the signal is gradually decreasing, which is explained in

~~FIG. 8, FIG. 10A to FIG. 10C, and the like reduced is performed.~~ The swing speed detecting means 42 for detecting the swing speed ω used in this determination may calculate the swing speed ω based on the swing angle signal α from the swing angle sensor 20, or may be additionally provided with a tacho-generator or the like to perform detection.